

PATENT
Serial No. 10/521,852
Amendment in Reply to Office Action mailed on March 23, 2006

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A lamp ~~(3, 31, 42, 62, 81)~~ which radiates visible light and infrared light, ~~characterized in that having a lamp bulb (4, 32, 44, 63, 84) comprises comprising:~~
at least a first region ~~(6, 33, 49, 71, 94)~~ which is at least partly permeable to infrared light and at least partly impermeable to ~~visible white~~ light, and
at least a second region ~~(9, 35, 51, 68, 101)~~ which is wholly or partly permeable at least to ~~visible the white~~ light.

2. (Currently Amended) ~~A~~ The lamp as claimed in claim 1, ~~characterized in that wherein the first region (6, 33, 49, 71, 94) has a filter coating (7, 34, 50, 67, 95).~~

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3. (Currently Amended) A The lamp as claimed in claim 2, ~~characterized in that wherein~~ the filter coating ~~(7)~~ forms a semi-circular shell.

4. (Currently Amended) A The lamp as claimed in claim 2, ~~characterized in that wherein~~ the filter coating ~~(34, 50)~~ envelops the bulb ~~(32, 42)~~.

5. (Currently Amended) A The lamp as claimed in claim 4, ~~characterized in that wherein~~ the filter coating ~~(50)~~ envelops one ~~(47)~~ of two incandescent filaments ~~(46, 47)~~.

6. (Currently Amended) A The lamp as claimed in claim 2, ~~characterized in that wherein~~ the filter coating ~~(67)~~ is provided on a shield ~~(66)~~.

7. (Currently Amended) A The lamp as claimed in claim 1, ~~characterized in that further comprising means~~ ~~(36, 53)~~ for safeguarding a neutral color impression within a white region, said means being ~~are~~ arranged on the lamp bulb ~~(32, 44)~~.

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8. (Currently Amended) A The lamp as claimed in claim 1,
~~characterized in that further comprising means (20) that for~~
reflecting infrared light at least partly into the first region,
~~said means being (6) are arranged in the second region (9).~~

9. (Currently Amended) A The lamp as claimed in claim 1,
~~characterized in that wherein the lamp (3, 31, 42, 62, 81) is~~
constructed as a halogen lamp ~~(3, 31, 42, 62)~~ or as a gas discharge
lamp ~~(81)~~.

10. (Currently Amended) A lamp ~~(3, 31, 42, 62, 81)~~ radiating
visible light, UV light, and infrared light, ~~characterized in that~~
having a lamp bulb (4, 32, 44, 63, 84) has comprising:

at least a first region ~~(6, 33, 49, 66)~~ which is at least
partly permeable to UV light and infrared light and at least partly
impermeable to visible light, and

at least a second region ~~(9, 35, 51, 68, 101)~~ which is wholly
or partly permeable at least to visible light.

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Claims 11-12 (Canceled)

13.(New) The lamp of claim 1, further comprising a shield separating said first region and said second region, said shield allowing passage of said infrared light to said first region and blocking said white light.

14.(New) The lamp of claim 1, wherein said first region includes at least one extremity of the lamp and one side of the lamp.

15.(New) The lamp of claim 1, wherein said second region includes a coating that reflects the infrared light to said first region.

16.(New) A headlight comprising:
a light source for providing source light including visible light, UV light and infrared light;
a reflector configured to reflect said source light, said reflector having an upper sector for reflecting said source light

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downward to form a low beam, and a lower sector for reflecting said source light upward to form a high beam, said high beam having a higher direction than said low beam; and

a screen configured to receive said high beam from said lower sector and to substantially pass said UV light and said infrared light and block said visible light.